

ABSTRACT

A demultiplexer is provided with a PID extractor for extracting a PID of each TS packet from an inputted transport stream; a PID comparator for detecting whether or not the extracted PID matches any of PIDs which are set on a PID table, and outputting an entry number of the PID table where the corresponding PID is set, as a matching PID entry number, when a match is detected; a packet selector for selecting TS packets whose PIDs are detected by the PID comparator; and a data storage controller for determining an area in a memory where each TS packet is to be stored, according to the matching PID entry number; wherein TS packets having different PIDs are multiplexed and stored into a video data storage area in the memory. Therefore, when plural kinds of video data are included in the same program on digital broadcasting, these plural kinds of video data can be reproduced simultaneously.

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